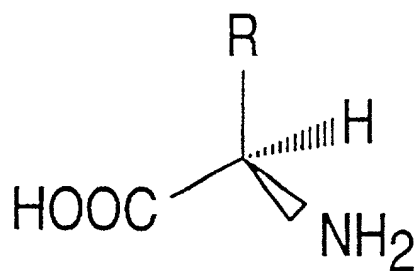


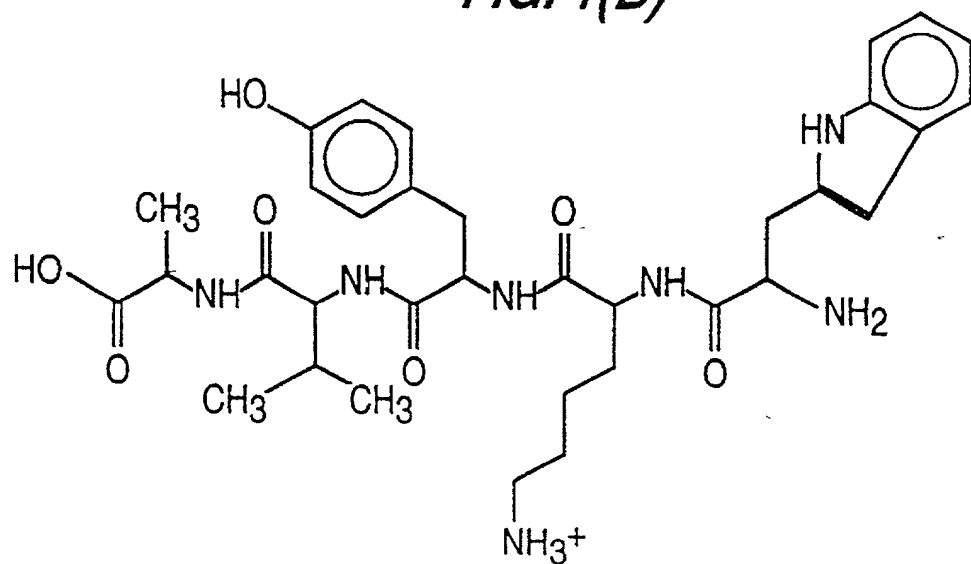
FIG. 1(A)



R = —CH₃ ALANINE

R = —CH(CH₃)₂ VALINE

FIG. 1(B)



⁻OOC—ALANINE-VALINE-TYROSINE-LYSINE-TRYPTOPHAN—NH₃⁺

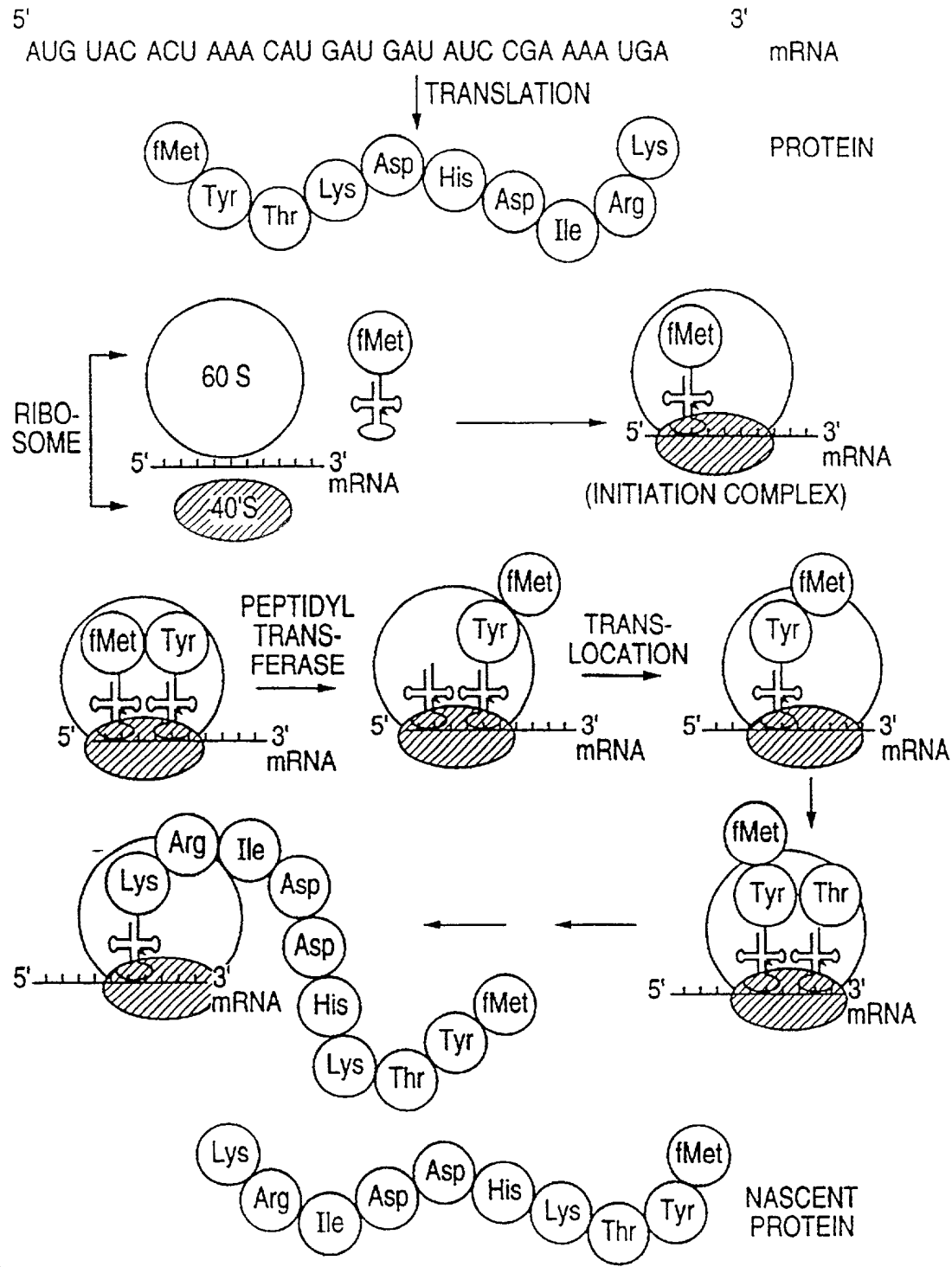
[illegible]

FIG. 3(A)

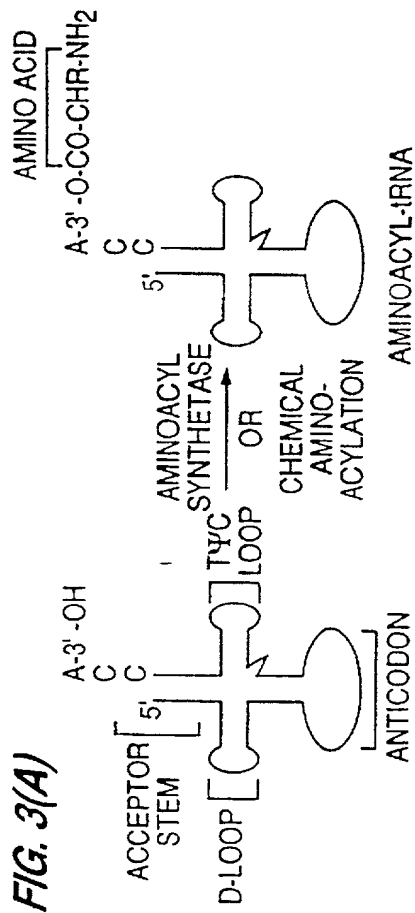


FIG. 3(B)

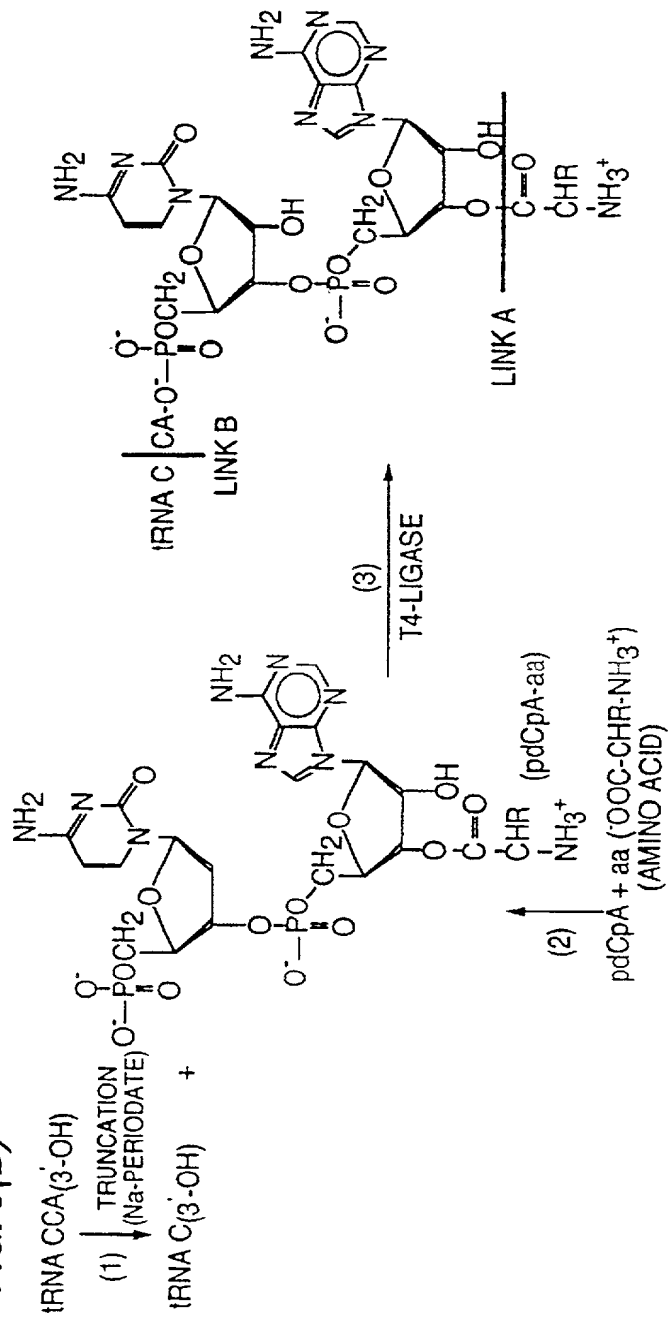
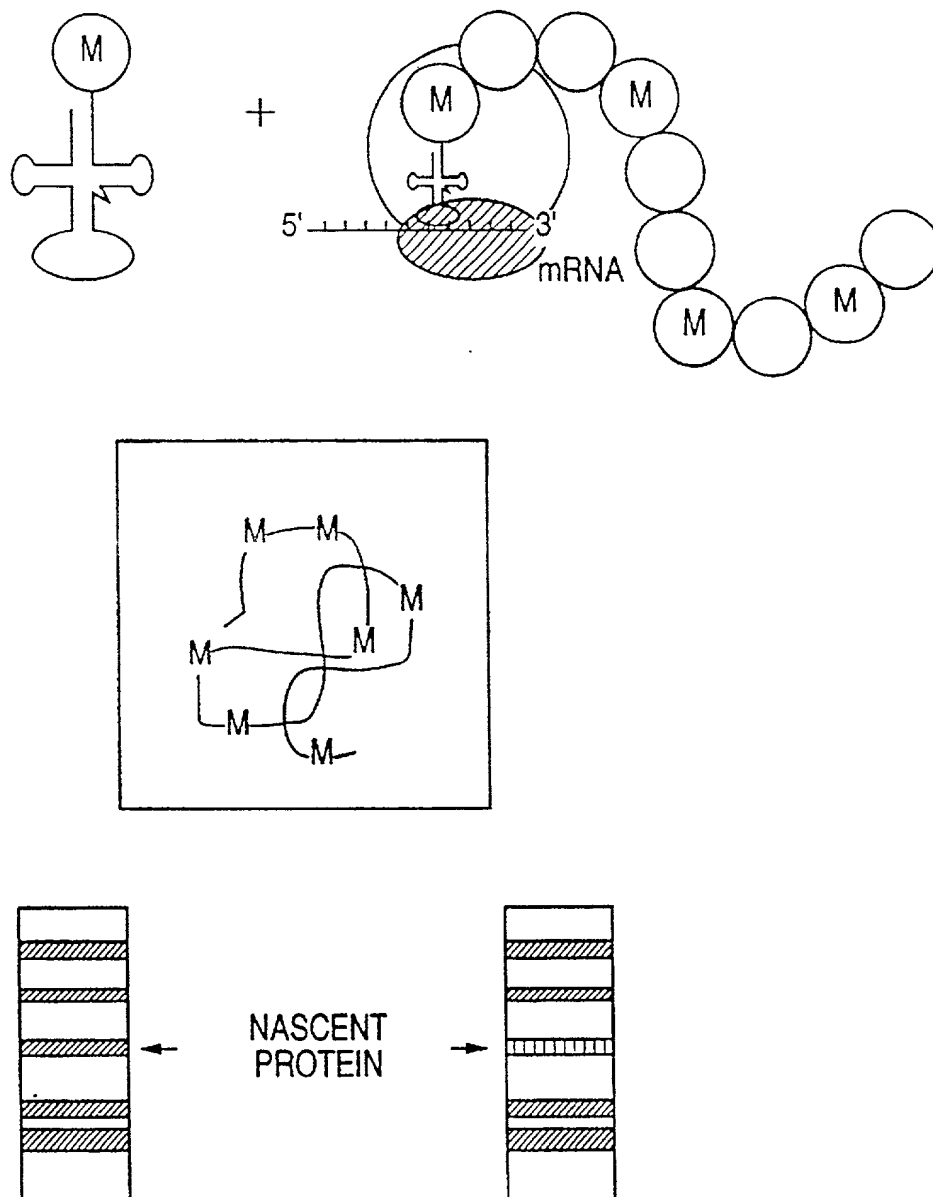


FIG. 4



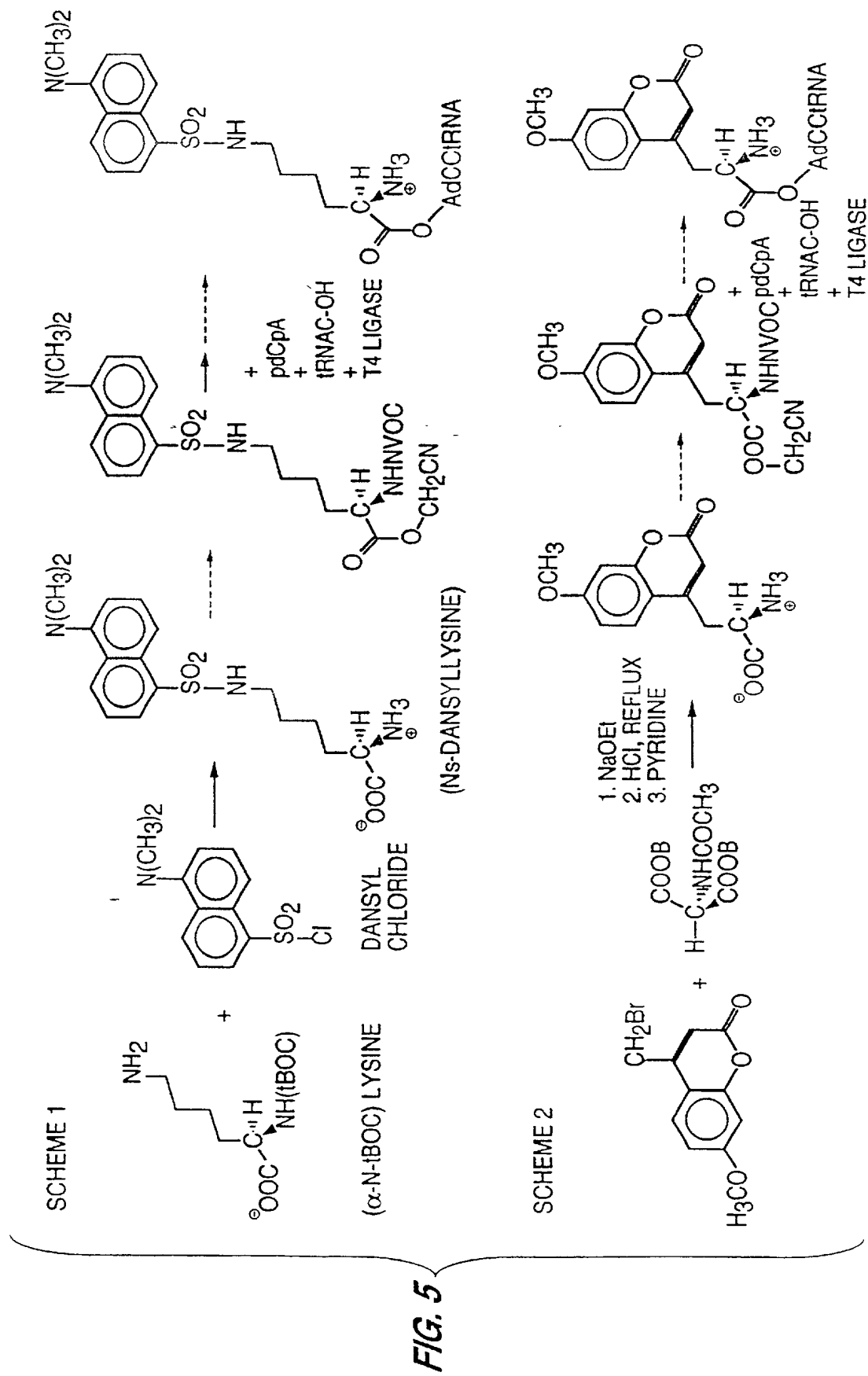


FIG. 6(A)

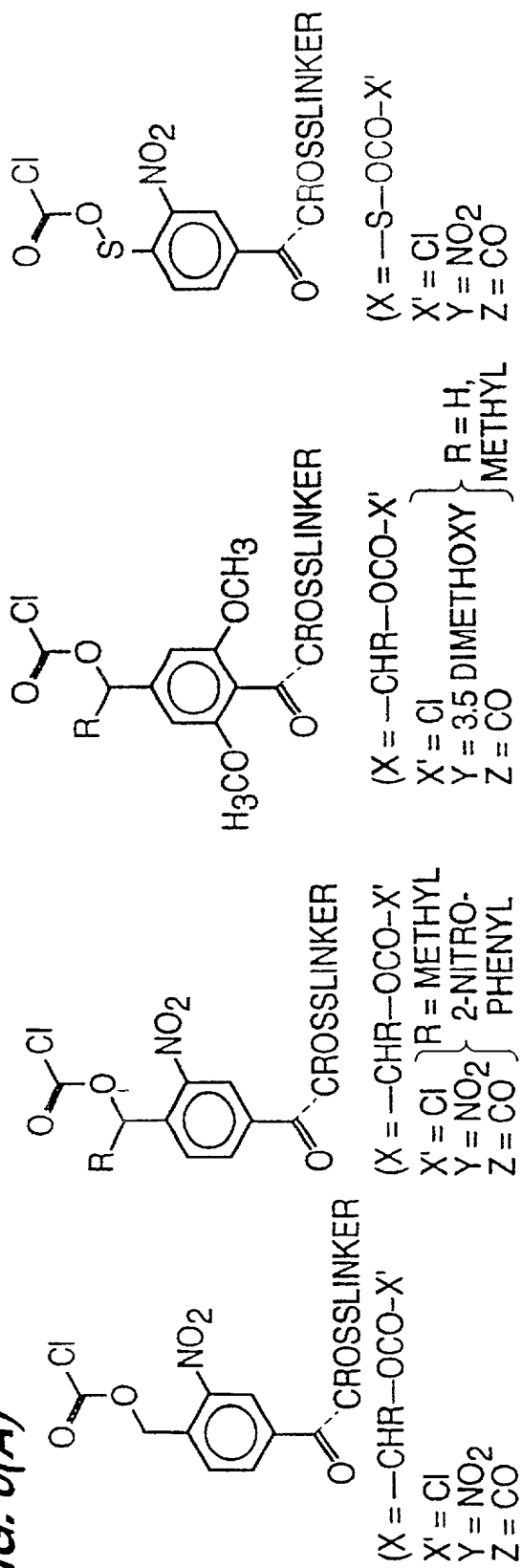
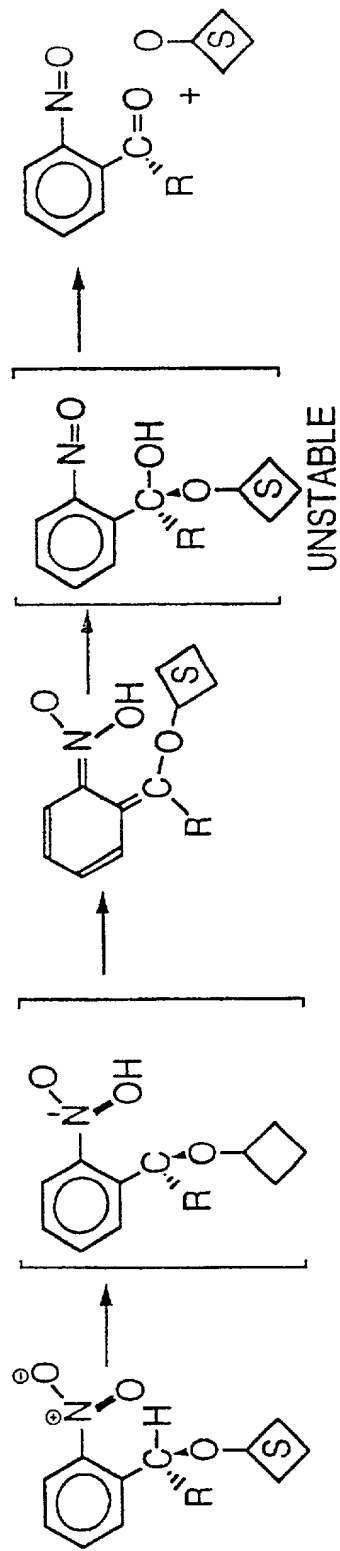


FIG. 6(B)



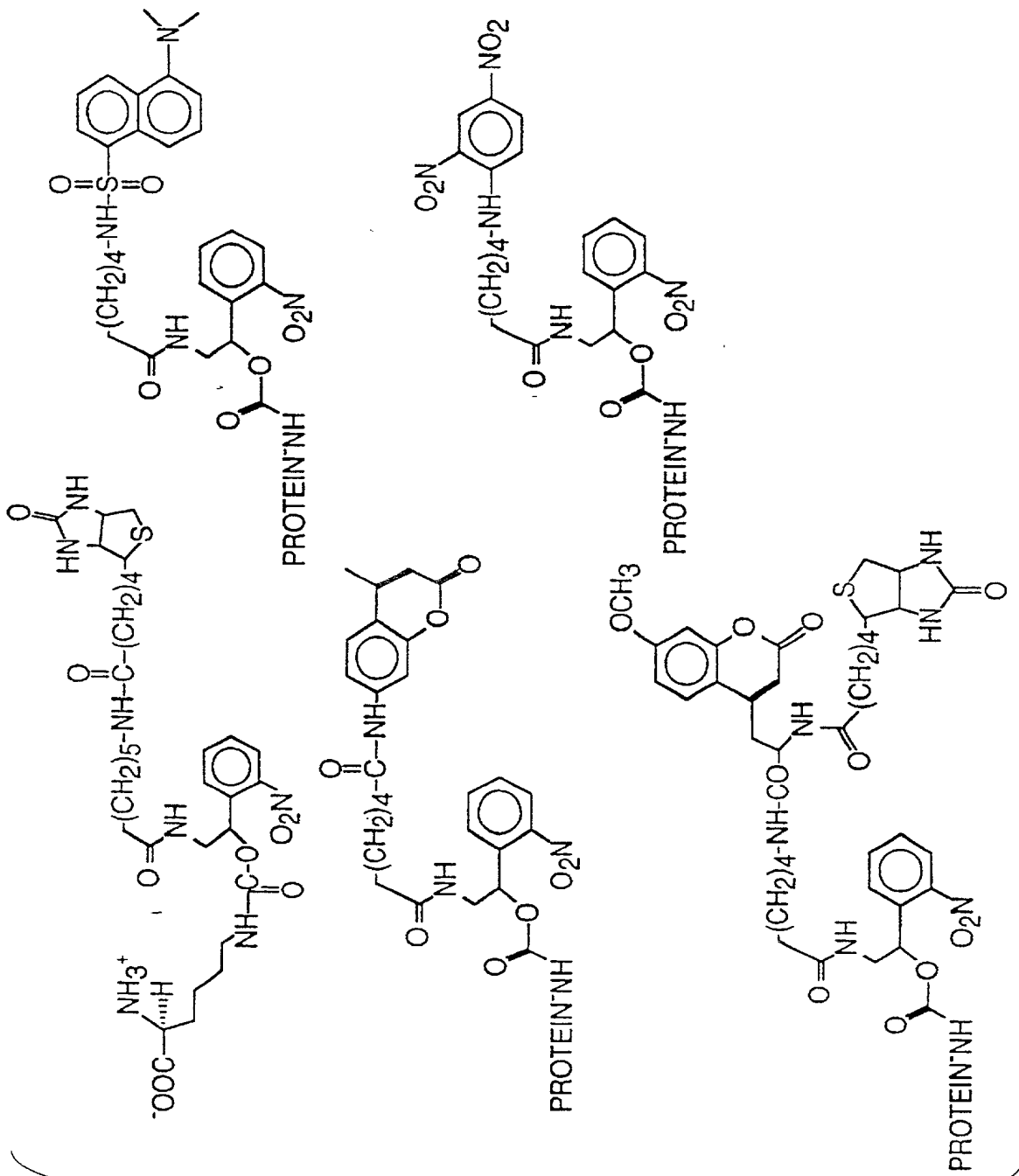


FIG. 7

FIG. 8(A)

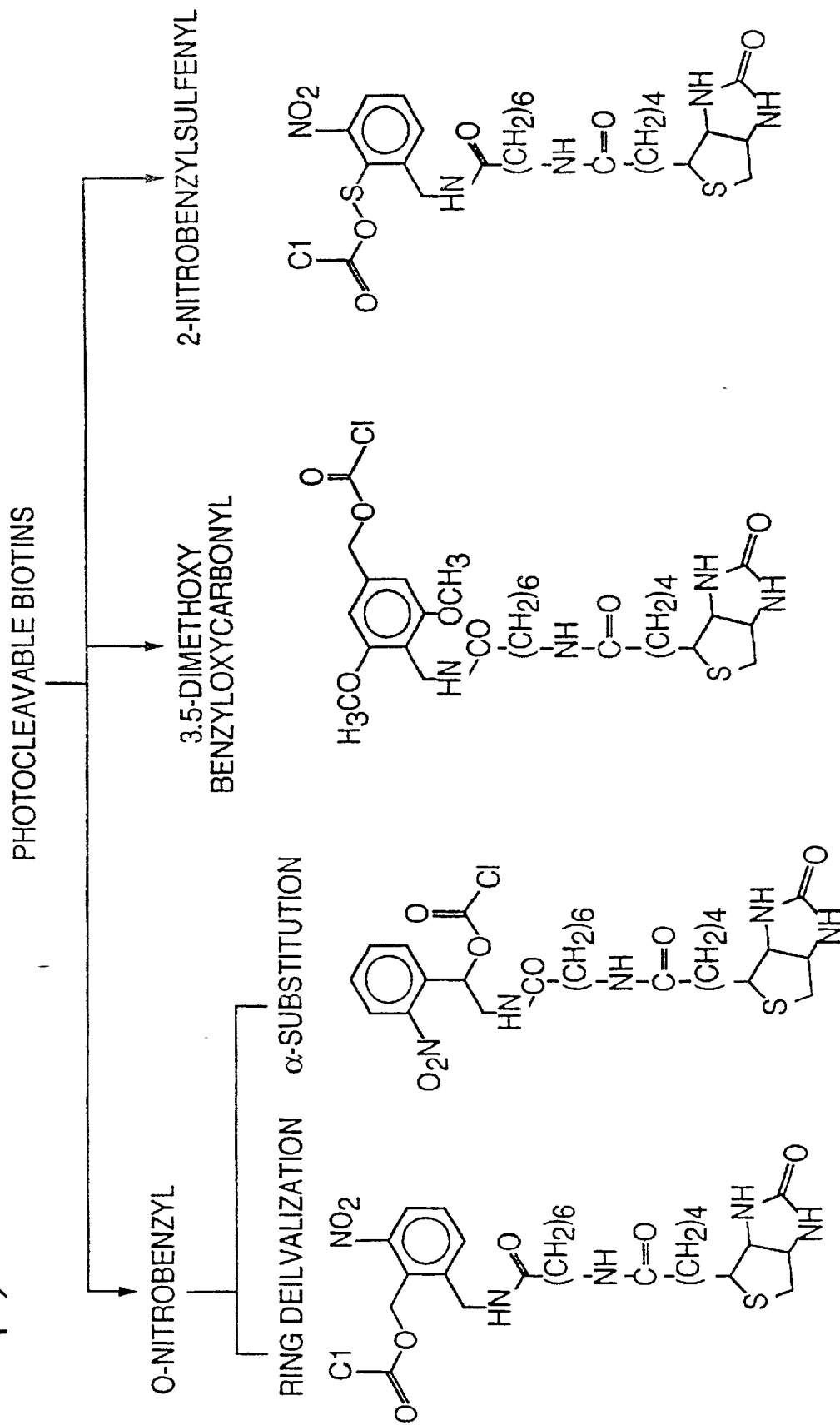


FIG. 8(B)

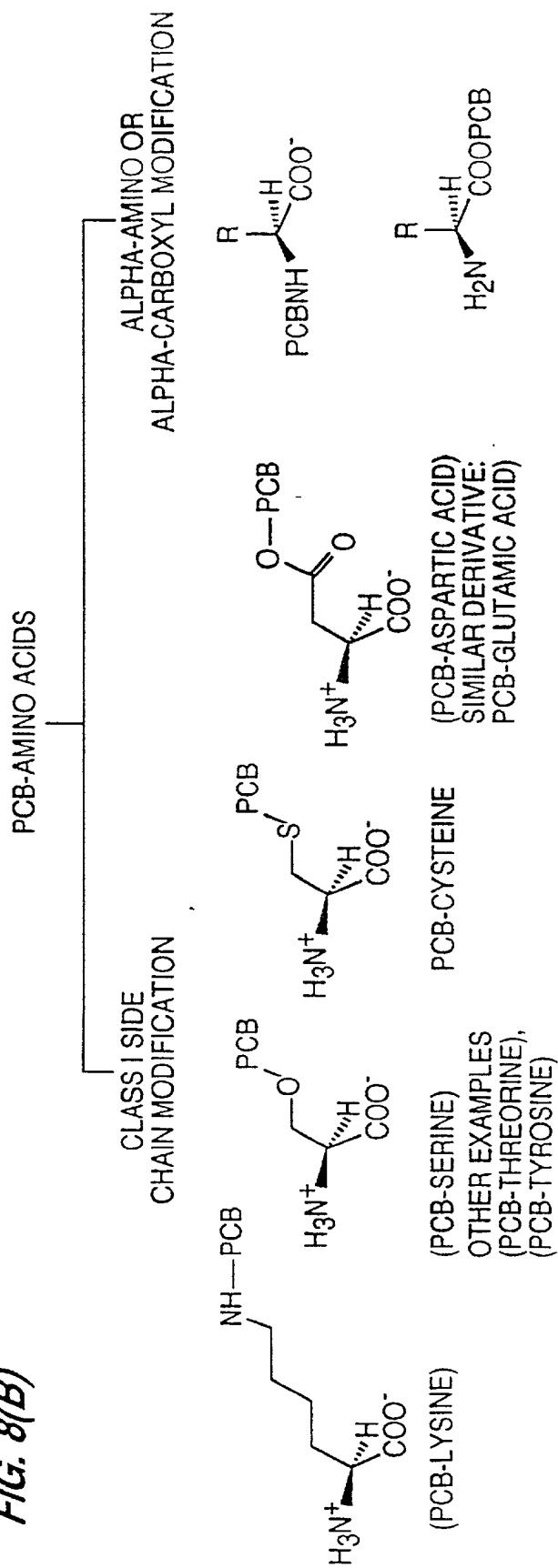
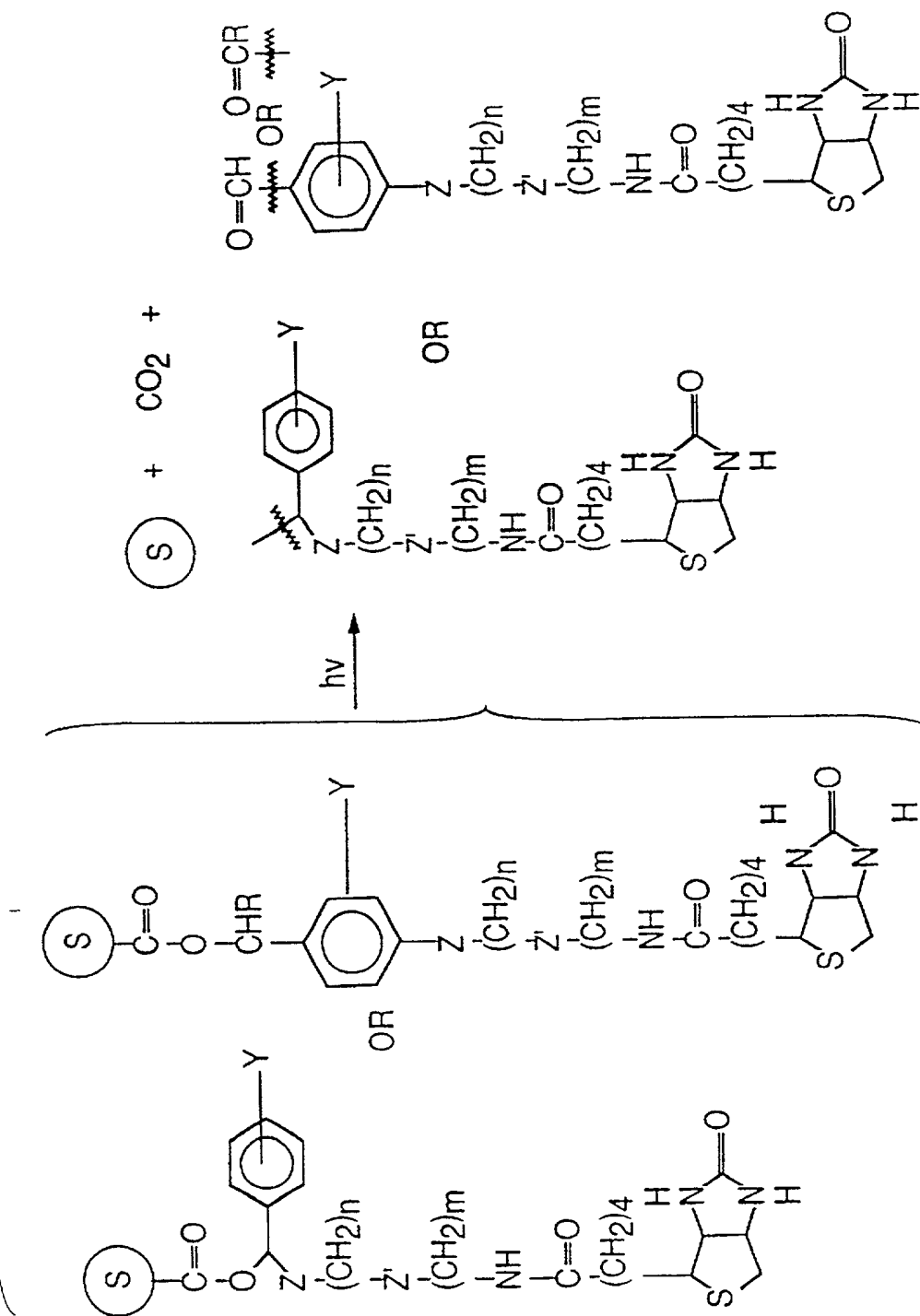


FIG. 9



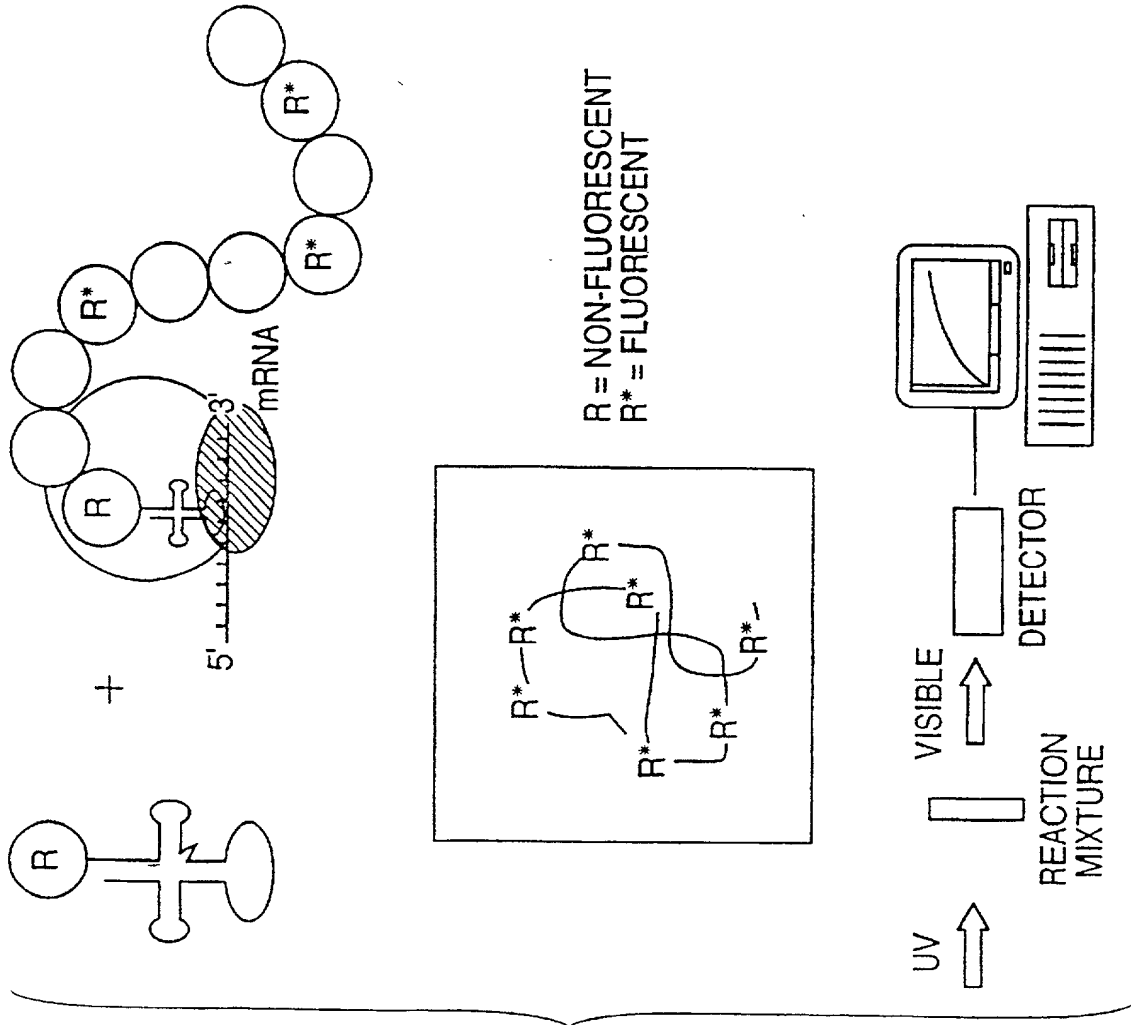


FIG. 10

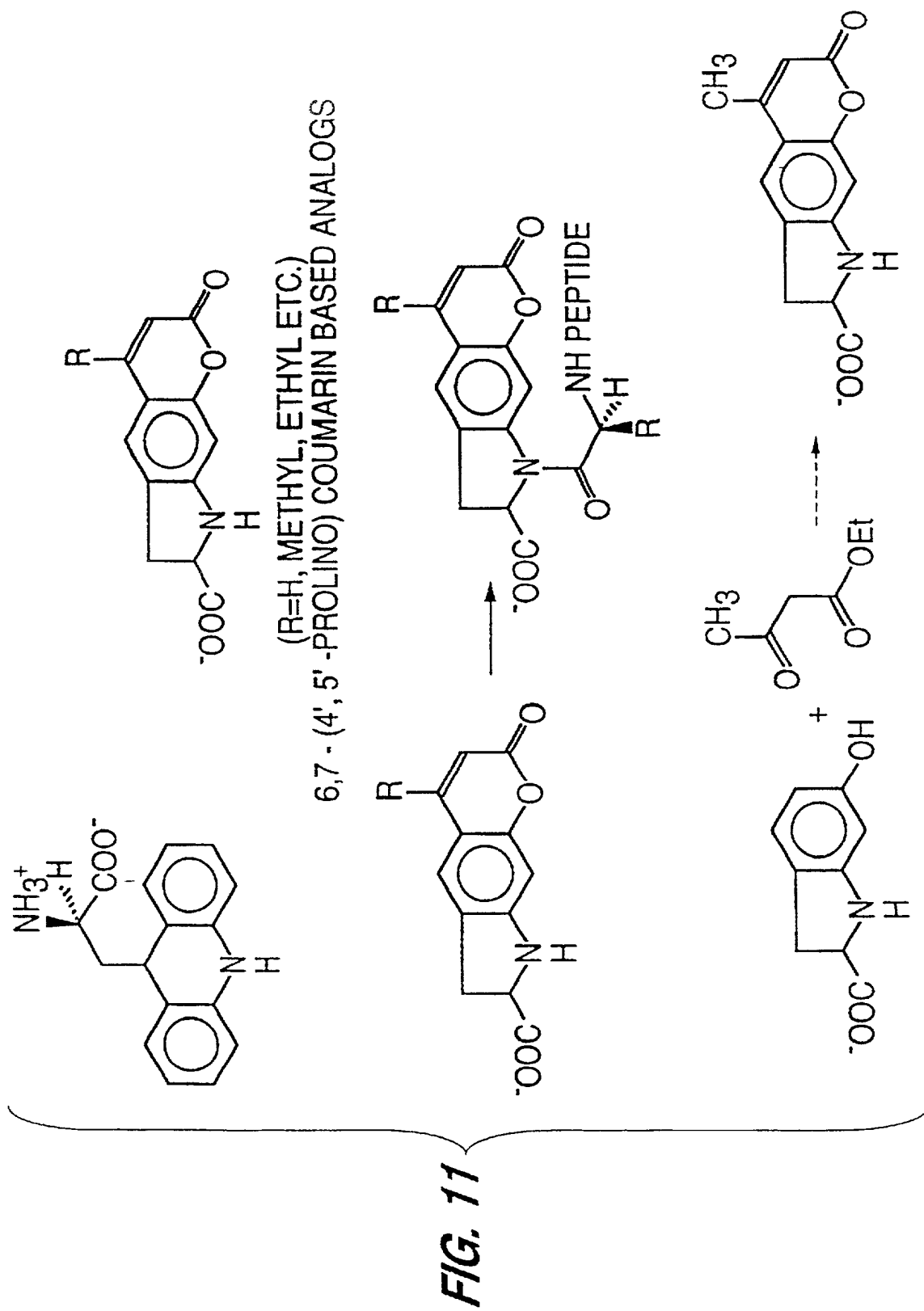


FIG. 12

$X' = \text{Cl, O-NHYDROXYSUCCINIMIDYL, O-CH}_2\text{CN, OPPhF}_5, \text{OPhCl}_5, \text{N}_3 \text{ ETC. (REACTIVE DERIVATIVE)}$
 $R = \text{H, ALKYL, SUBSTITUTED ALKYL, ARYL, SUBSTITUTE ARYL}$

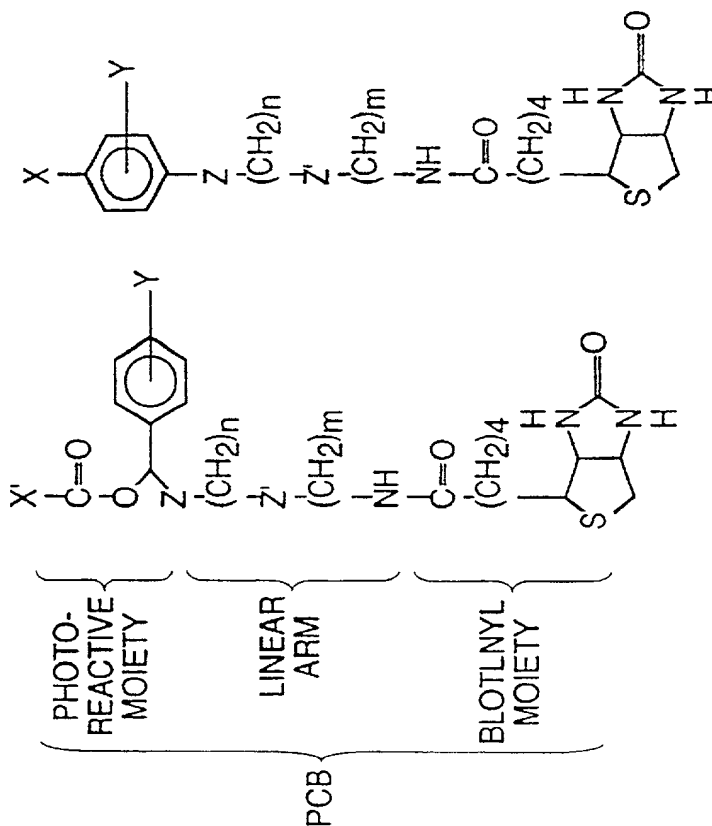
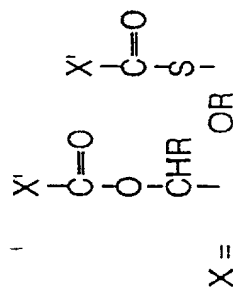
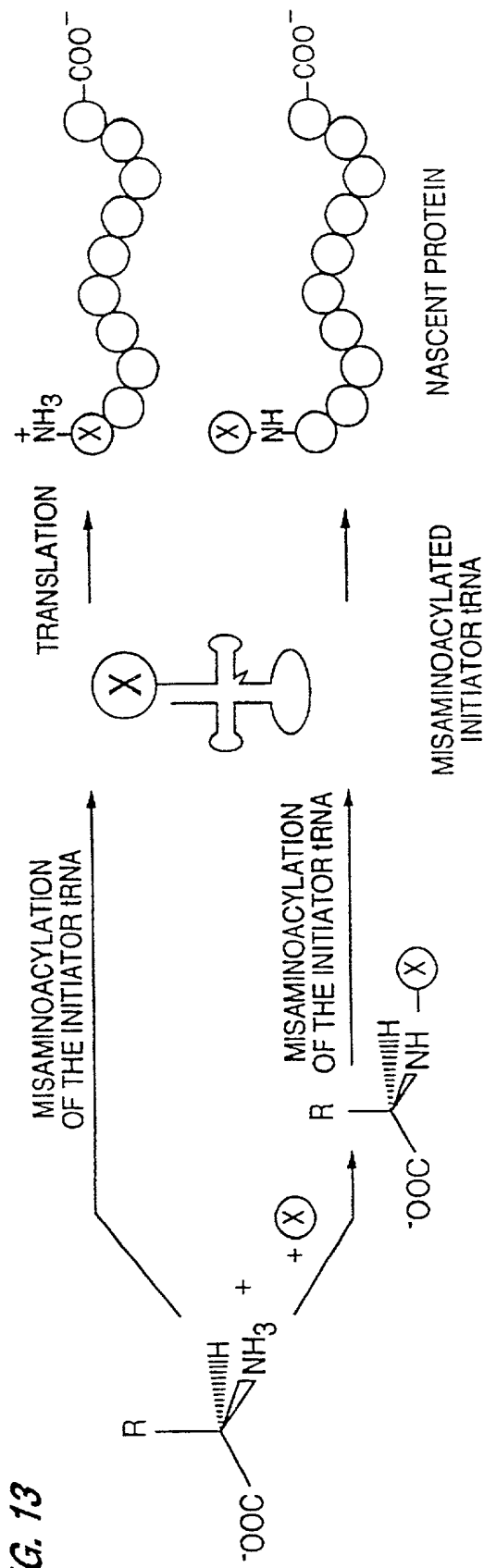


FIG. 13



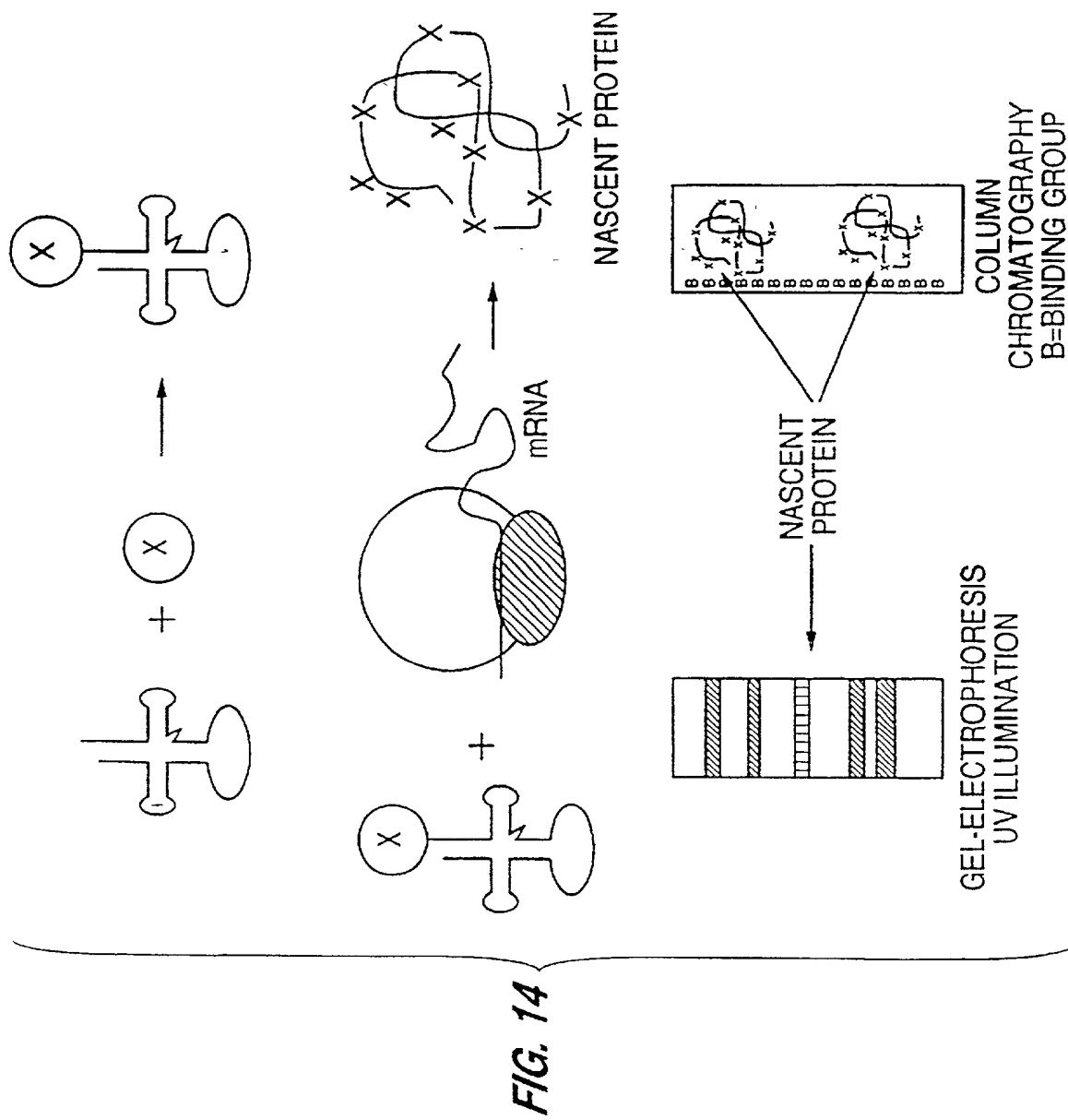
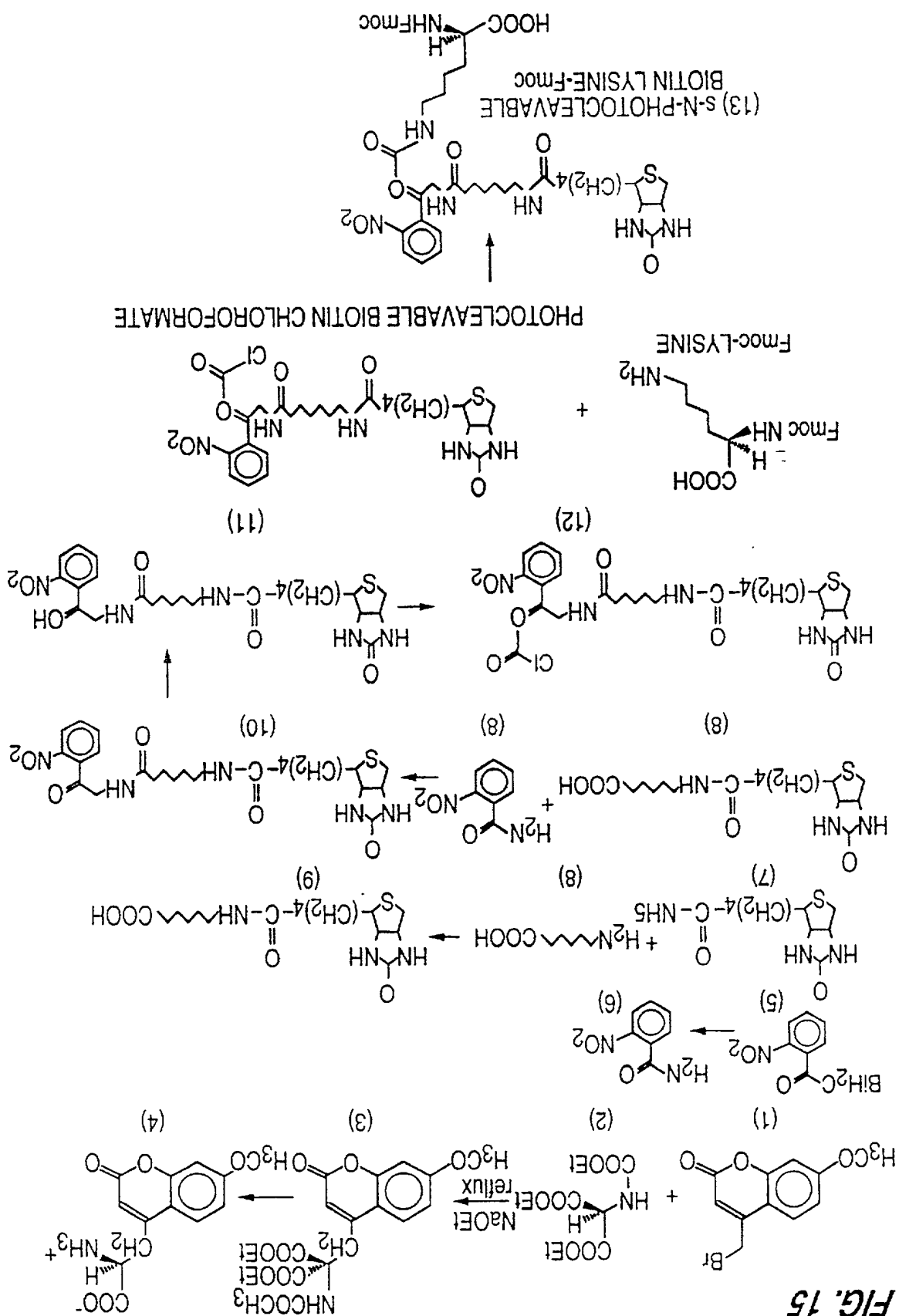
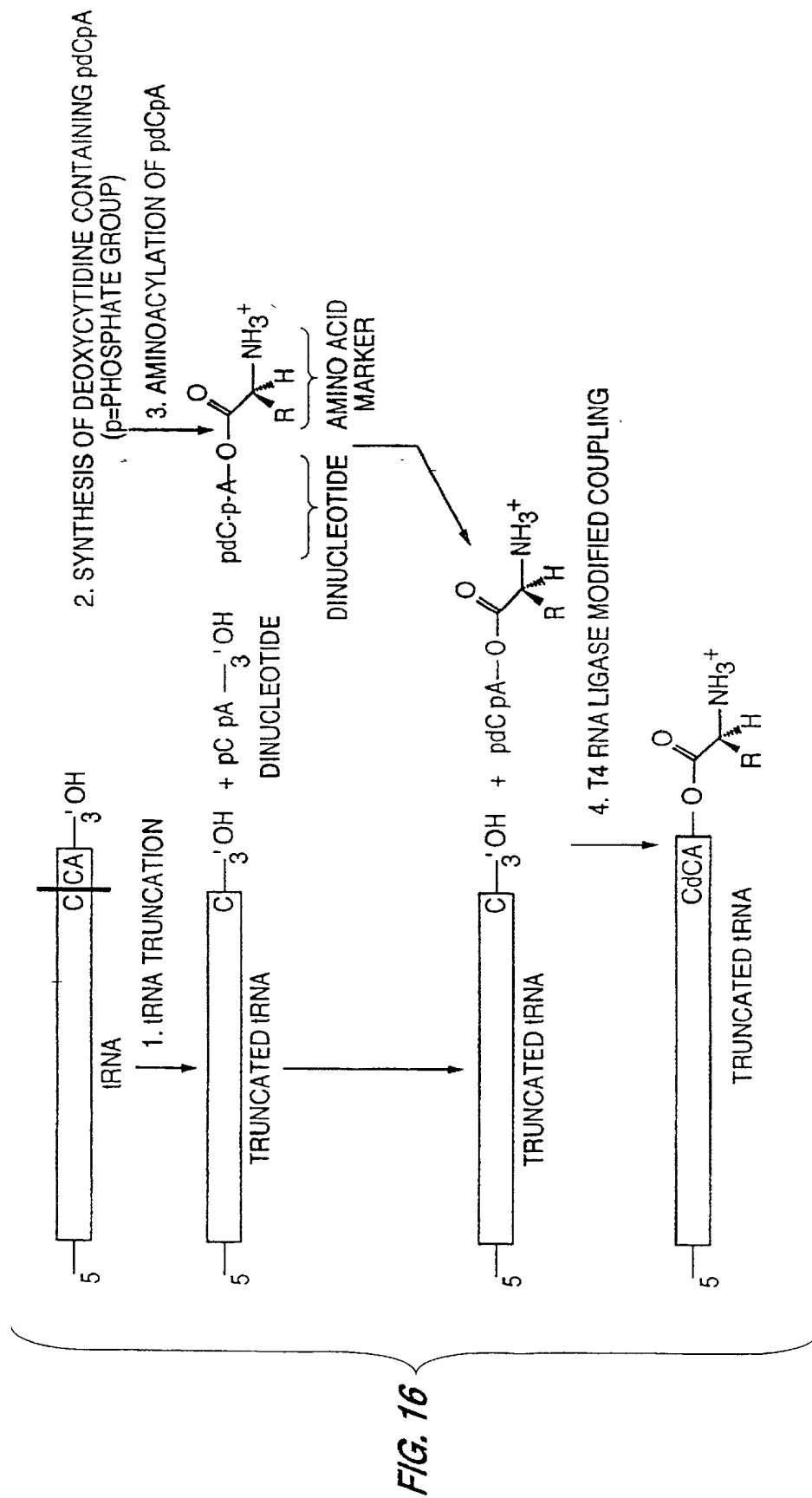


FIG. 15





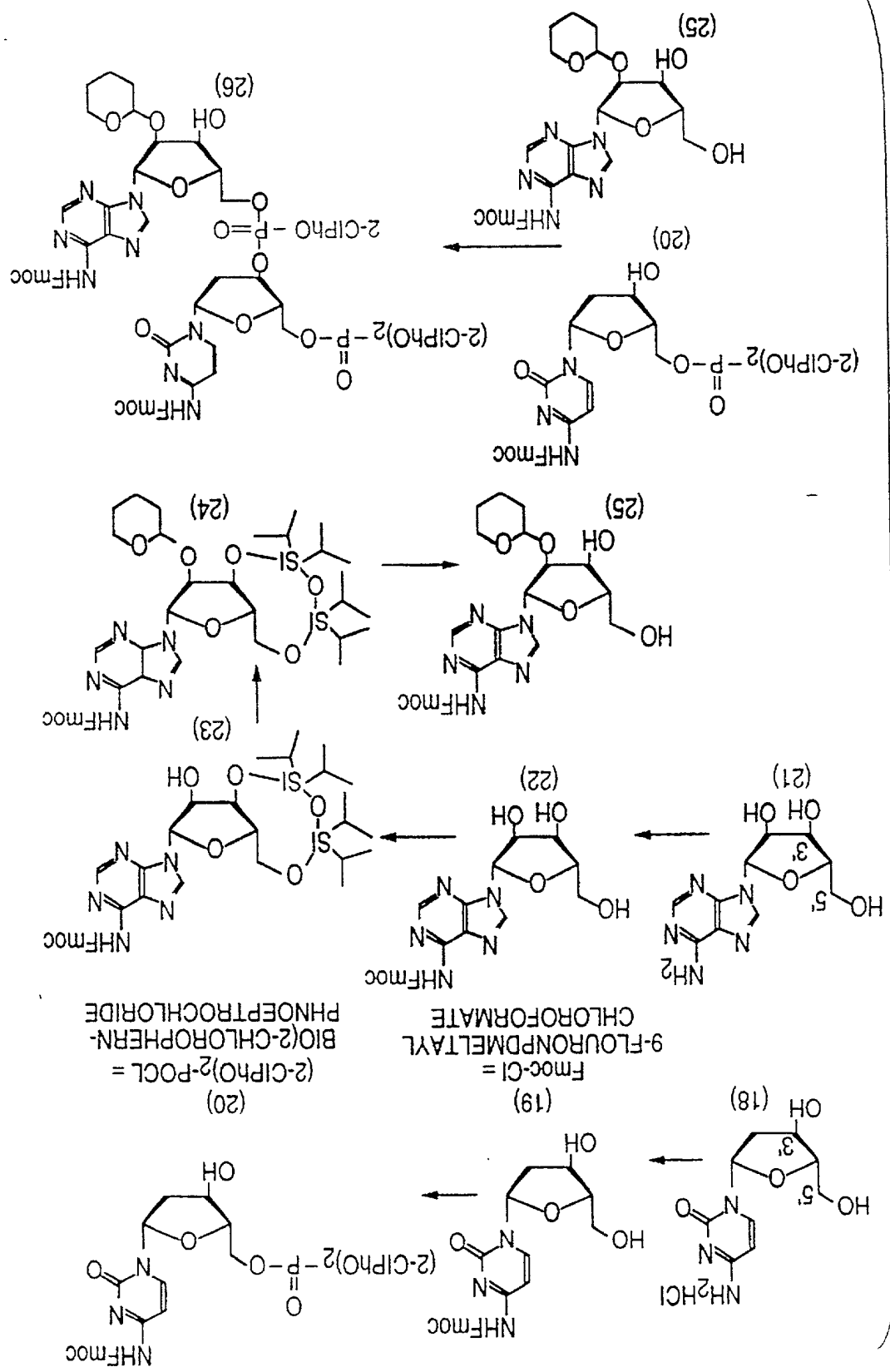
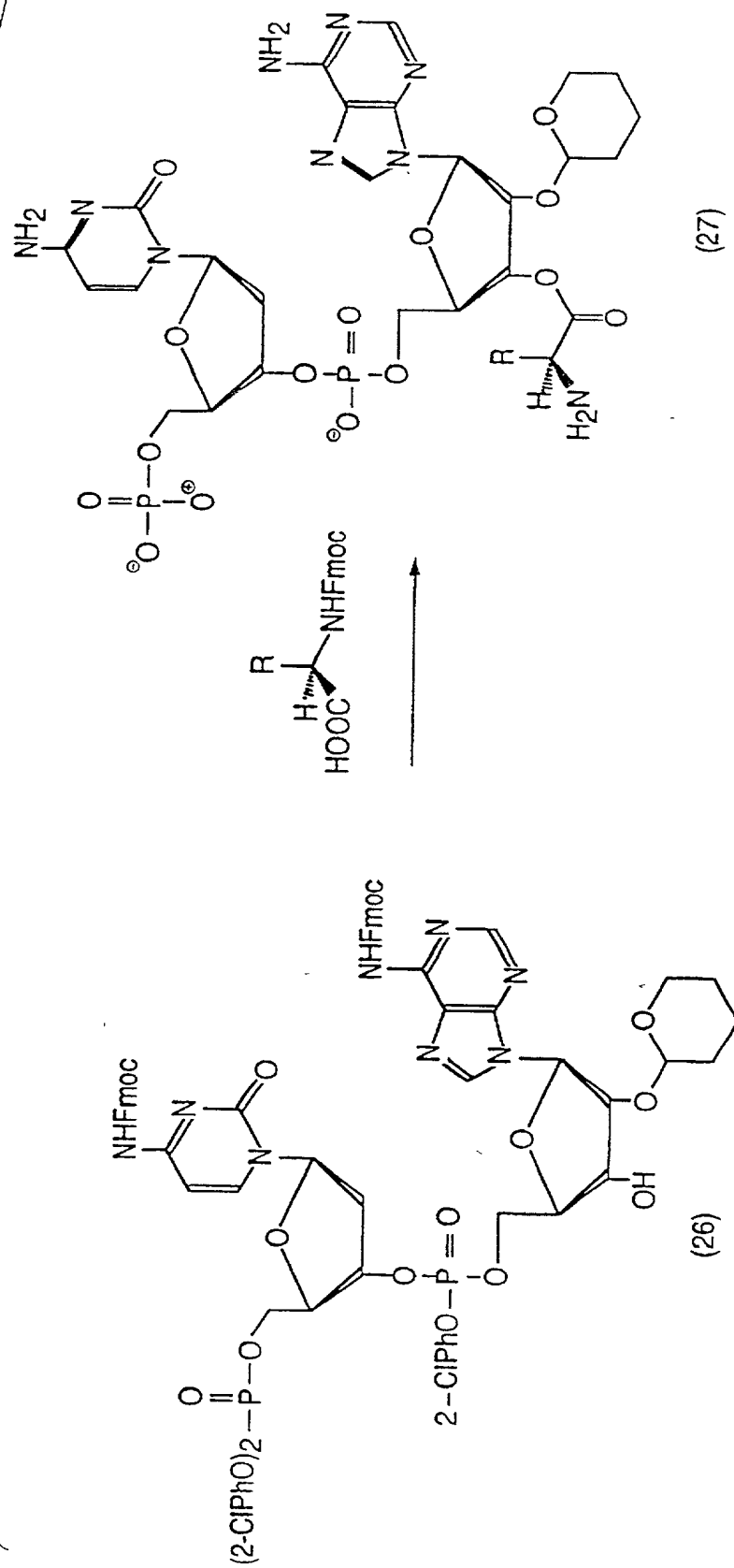


FIG. 17

FIG. 18



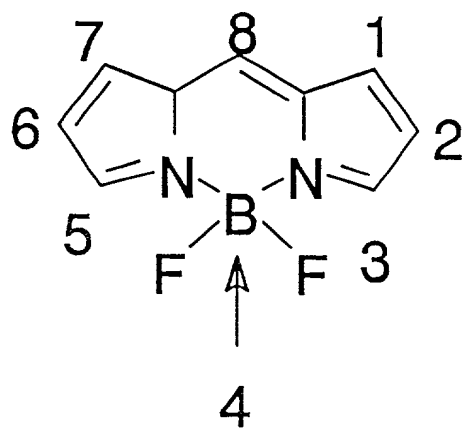
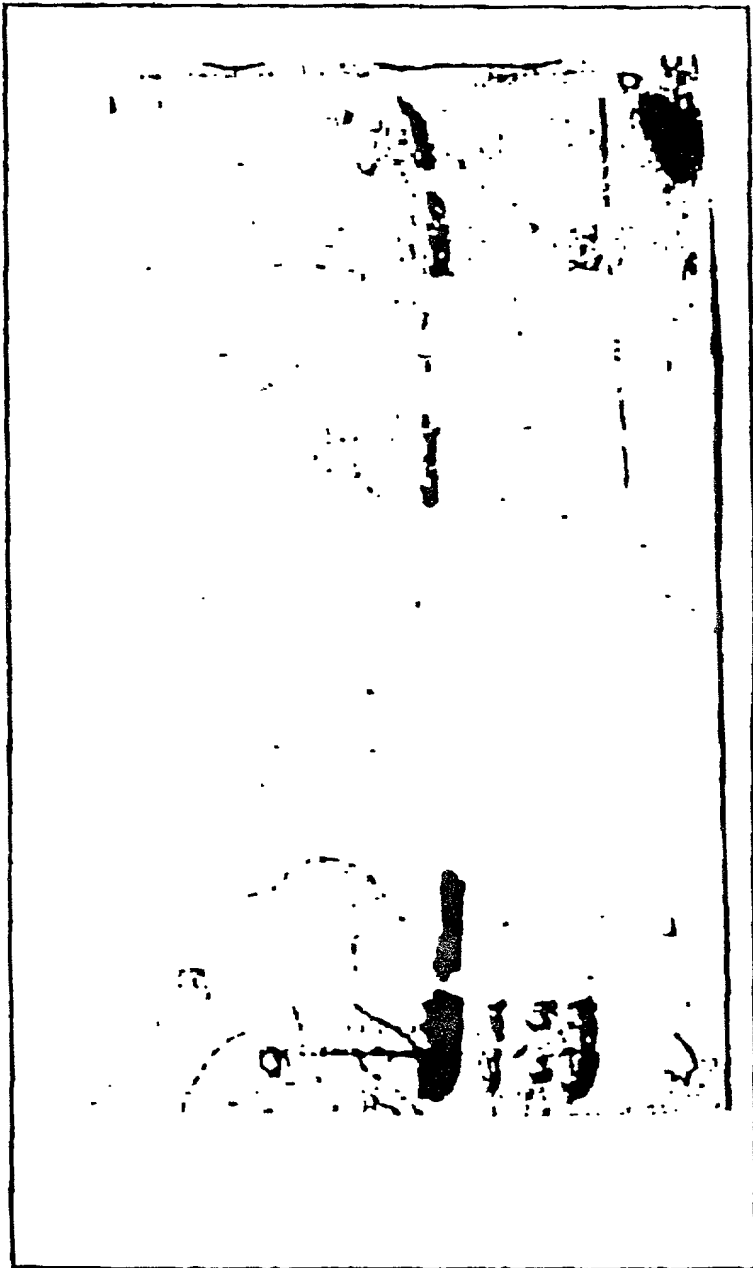
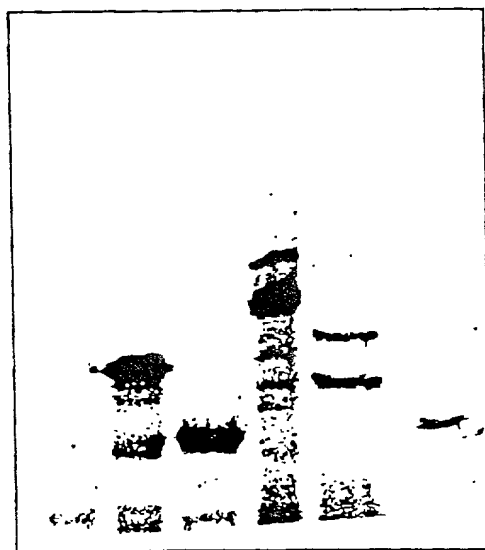


Figure 19



1 2 3 4 5 6 7 8 9 10

Figure 20



Lane 1 2 3 4 5 6

Figure 21A

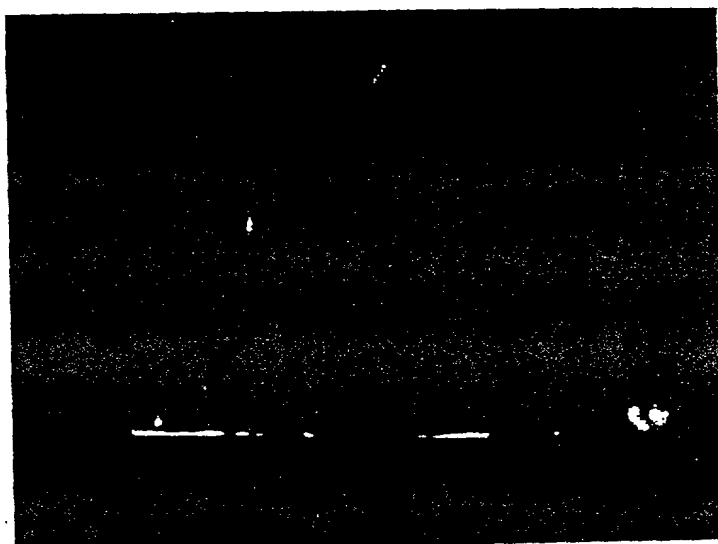


Figure 21B

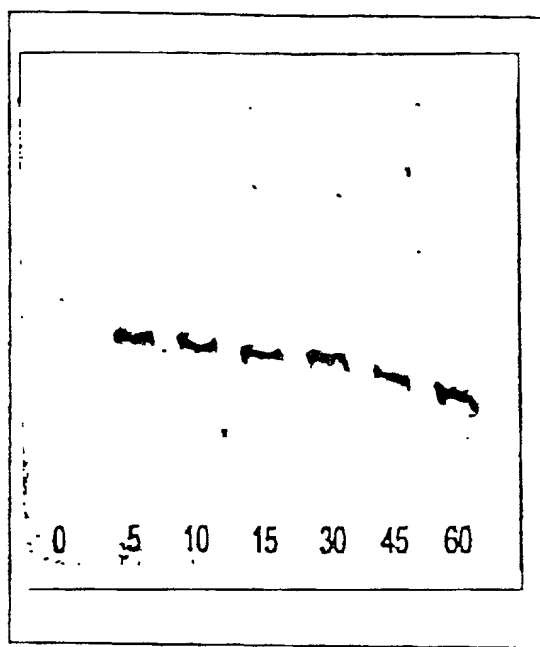


Figure 22A

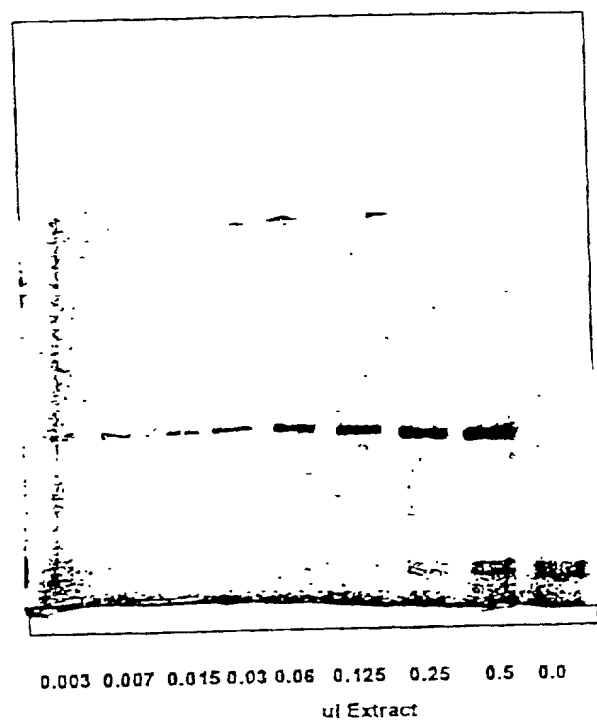


Figure 22B

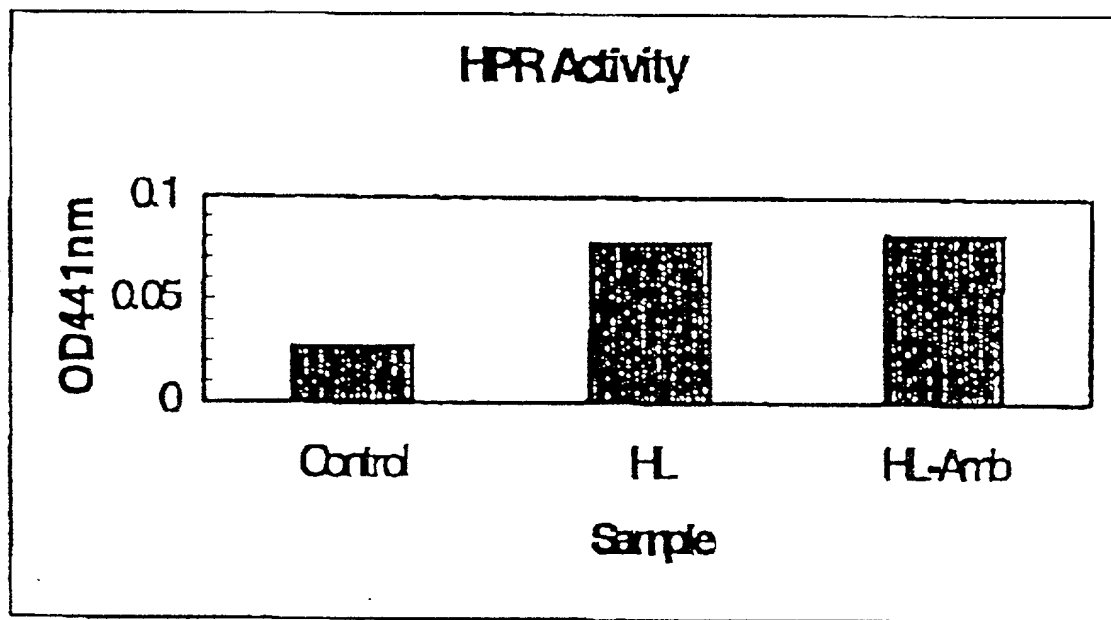


Figure 23A